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**Abstract**

The present invention provides 5T4 tumour-associated antigen (TAA) for use in a method of immunotherapy of tumours. The invention also relates to a recombinant  
15 poxvirus vector from which at least one immune evasion gene has been deleted, which comprises a nucleic acid sequence encoding a 5T4 TAA and the use thereof in vaccinating against and in treating tumours.

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